Electronic Acknowledgement Receipt								
EFS ID:	4704169							
Application Number:	10520383							
International Application Number:								
Confirmation Number:	5137							
Title of Invention:	Adaptive pre-equalization method and apparatus							
First Named Inventor/Applicant Name:	Edmund Coersmeier 43829							
Customer Number:								
Filer:	Glenn W. Boisbrun/Kris A. Garcia Glenn W. Boisbrun NOKIA.1023US							
Filer Authorized By:								
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Receipt Date:	30-JAN-2009							
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Application Type:	U.S. National Stage under 35 USC 371							

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)	
1		10520383.pdf	141308	ves	2	
'		10320303.pui	c2069d3cc0b610ac0b69a21d9d84500c803 24224	yes		

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Assignee showing of ownership per 37 CFR 3.73(b).	1	1								
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If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.